ABSTRACT OF THE DISCLOSURE

A bridge node converts a MAC frame addressed to a station node into a RPR MAC frame and thus

5   transmits it, and encapsulates a MAC frame addressed a station being located the outside of a ring and connected to other bridge node into the RPR MAC frame, and transmits it. The bridge node thereby receives a RPR MAC frame into which the MAC frame is

10   encapsulated, and the station node receives the RPR MAC frame that the MAC frame is not encapsulated.

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